EPCS SETUP

1. UNSTOW PCS

TBD PCS - Two Thinkpads
Two 25-foot DC PWR cables
If Shuttle AFD
| Two 6-foot DC PWR SPLY cables
| Two ORB 1553 Data cables
| US DC PWR SPLY
If ISS RS
Two 1553 Data/Power Cable
RS DC PWR SPLY

2. VERIFY POWER OFF

If Shuttle AFD

Pwr Sply | √PCS1 DC PWR SPLY PWR switch - Off
| √PCS2 DC PWR SPLY PWR switch - Off
|
| See UTILITY OUTLET PLUG-IN PLAN ORBIT CONFIGURATION (REF DATA FS, UTIL PWR) for DC UTIL PWR outlet availability.

TBD | √DC UTIL PWR - Off
PDIP | √PDIP UTIL PWR - Off

If ISS RS

TBD √RS Power switch - Off

3. MAKE PCS POWER AND DATA CABLE CONNECTIONS

√1553 PC Card, Adapter Cable inserted in PC slot in both PCSs

If Shuttle AFD
| Connect both 25-foot DC PWR SPLY cables to PCS1,2 DC PWR outlet DC PWR SPLY outlet (J2).

TBD | Connect PCS1 6-foot Orb DC PWR SPLY cable to DC UTIL PWR outlet DC PWR SPLY outlet (J1).

PDIP | Connect PCS2 6-foot Orb DC PWR SPLY cable to PDIP UTIL PWR outlet DC PWR SPLY outlet (J1).

PDIP | Connect PCS1 Orb 1553 Data cable to (PDIP Data Port 1?) outlet 1553 PC Card Adapter Cable.

| Connect PCS2 Orb 1553 Data cable to (PDIP Data Port 2?) outlet 1553 PC Card Adapter Cable.

If ISS RS

TBD Connect 1553 Data/Power Cable to PCR outlet DC PWR SPLY outlet (J1) 1553 PC Card Adapter Cable.
Connect RS Power Cable to the IOA outlet.

4. TURN ON PCS

If Shuttle AFD

TBD — DC UTIL PWR → On

Pwr Sply — PCS1 DC PWR SPLY PWR switch → On (Lt On)

PDIP — PDIP UTIL PWR → On

Pwr Sply — PCS2 DC PWR SPLY PWR switch → On (Lt On)

PCS — PCS 1,2 Thinkpad PWR switches → On

If ISS RS

TBD — RS Power switch → On

PCS — PCS Thinkpad PWR switch → On

NOTE
Let the PCS cycle through the initialization screens without any keystroke inputs. System boot takes approximately 3 to 4 minutes. Defaults are preset to select Solaris operating system and boot PCS Command and Display System Files.

5. CONNECT PCS TO MDM DATA (if MDMs are up and running)

PCS2 — After bootup when taskbar appears at bottom of display

sel Arrow directly above 'PCS' logo (as required)

sel Start/Restart PCS CDS (as required)

sel Icon to open PCSCDS Main Control Panel Window (as required)

√Status Box is green and 'Connected' is displayed in the PCSCDS Main Control Panel Window (as required)

Iconify PCSCDS Main Control Panel Window.

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* If Status Box is not green, select 'Connect to MDM' button *
* if the MDMs are on. *

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NOTE

1. PCS connection to MDM is indicated by green in the Status Box and/or ‘Connected’ message displayed in the PCSCDS Main Control Panel Window only when the Prime Node MDM is up and running.

2. If MDMs are not up and running and step 5 is executed Expect a PCS ‘CW Server Error Msg’ and a ‘CDS Signon Fail’.

3. After connected to the MDMs if the PCS receives a Disconnect message open the PCSCDS Main Control Panel Window and select ‘Connect to MDM’ button to Reconnect. If no joy close all displays and anything iconified and redo step 5. If still no joy, perform the Loss PCS Malfunction Procedure.

6. CONFIGURE PCS FOR NODE 1 DISPLAYS (as required)
   sel Arrow above ‘PCS’ logo
   sel Start PCS CDDF display

   After approximately 1 minute
   √‘Increment 2A Home Page’ is displayed

   Displays may now be selected as desired.

   Inform **MCC-H** when complete.